

Record of Some Weevils (Coleoptera, Curculionoidea) New to the Fauna of Sado Island, Japan

Hiroaki KOJIMA

Laboratory of Entomology, Tokyo University of Agriculture,
1737 Funako, Atsugi, Kanagawa, 243–0034 Japan

Sadogashima (Sado Is.) is the fourth largest island except main islands (Hokkaido, Honshu, Shikoku, Kyushu) in Japan and located on the Sea of Japan off Niigata Prefecture. The weevil fauna of this island has been studied by several authors as a part of the faunal study of the prefecture mainly based on the collection made by the late Dr. K. BABA (MORIMOTO, 1979; SENOH, 1979, etc.). Later, several authors added some species to the fauna mostly in the revisional studies of particular taxa (SENOH, 1984; MORIMOTO, 1987; SAWADA, 1993; O'BRIEN *et al.*, 1994; KOJIMA & MORIMOTO, 1996; MORIMOTO *et al.*, 2006; ASANO *et al.*, 2010), and a total of 79 weevils are now on record. However, it seems not yet sufficient to clarify the fauna and 29 weevils new to the fauna were collected by the recent short surveys as recorded below.

Collector names are abbreviated as follows: HK: H. KOJIMA, HS: H. SAWADA, KT: K. TOKIWA and KW: K. WATANABE. The author thanks Mr. T. OKURA for his arrangement of the trips, Messrs. H. SAWADA, K. TOKIWA and K. WATANABE for their offering of materials and Drs. K. MORIMOTO and S.-I. UÉNO for their critical reading of the manuscript.

A n t h r i b i d a e

1. *Euparius oculatus* (SHARP, 1891)
3 exs., Mt. Dondenyama, 5–VIII–2009, HS.
2. *Ozotomerus japonicus* SHARP, 1891
4 exs., Mt. Dondenyama, 5–VIII–2009, HS.
3. *Uncifer truncatus* (SHARP, 1891)
1 ex., Mt. Dondenyama, 5–VIII–2009, HK.

R h y n c h i t i d a e

4. *Eugnamptus amurensis* (FAUST, 1882)
1 ex., Kanaishinbo, Hakuundai – Mt. Myoukenzan, 4–VIII–2009, KW.
5. *Neocoenorrhinus sanguinipennis* (ROELOFS, 1874)
7 exs., Mt. Kinpokusan, 4–VIII–2009, HK.

A p i o n i d a e

6. *Miniapion sulcirostre* (SHARP, 1891)

- 5 exs., Mt. Dondenyama, 5–VIII–2009; 5 exs., Mt. Kinpokusan, 4–VIII–2009; 1 ex., Matone, 10–IX–2010; 3 exs., Mt. Dondenyama, 10–IX–2010, all by HK.
7. *Sergiola griseopubescens* (ROELOFS, 1874)
1 ex., Sawasaki, 11–IX–2010, HK.

Dryophthoridae

8. *Sipalinus gigas* (FABRICIUS, 1775)
1 ex., Matone, 10–IX–2010, HK (adult head: dead body part).

Curculionidae

9. *Cyphicerus viridulus* (ROELOFS, 1873)
1 ex., Mt. Kinpokusan, 4–VIII–2009, HK.
10. *Lepidapistomodes fumosus* (FAUST, 1882)
1 ex., Mt. Kinpokusan, 4–VIII–2009, HK.
11. *Catapionus gracilicornis* ROELOFS, 1873
18 exs., Mt. Dondenyama, 5–VIII–2009, HK; 6 exs., 11–IX–2010, KT (including males).
Population of this species on Sado Is. is gamogenetic.
12. *Acalyptus carpini* (FABRICIUS, 1792)
5 exs., Kanaishinbo, Hakuundai – Mt. Myoukenzan, 4–VIII–2009, KW.
13. *Sphinxis crypticus* KOJIMA et MORIMOTO, 2000
2 exs., Mt. Kinpokusan, 4–VIII–2009, HK.
14. *Curculio sikkimensis* (HELLER, 1927)
1 ex., Matone, 10–IX–2010, HK; 1 ex., Mt. Dondenyama, 11–IX–2010, KT.
15. *Archarius pictus* (ROELOFS, 1874)
3 exs., Mt. Kinpokusan, 4–VIII–2009; 2 exs., Mt. Dondenyama, 5–VIII–2009, all by HK.
16. *Koreoculio antennatus* (KÔNO, 1930)
2 exs., Mt. Kinpokusan, 4–VIII–2009, HK.
17. *Rhamphus pulicarius* (HERBST, 1795)
15 exs., Mt. Dondenyama, 5–VIII–2009, HK.
18. *Orchestes amurensis* FAUST, 1887
5 exs., Mt. Kinpokusan, 4–VIII–2009; 20 exs., Mt. Dondenyama, 5–VIII–2009; 24 exs., Matone, 10–IX–2010, all by HK.
19. *Orchestes dorsoplanatus* ROELOFS, 1874
6 exs., Oosugi, 11–IX–2010, HK.
20. *Orchestes horii* (KÔNO, 1937)
13 exs., Sawasaki, 11–IX–2010, HK.
21. *Orchestes variegatus* ROELOFS, 1874
5 exs., Mt. Kinpokusan, 4–VIII–2009; 8 exs., Mt. Dondenyama, 5–VIII–2009, all by HK.
22. *Moreobaris rubricata* (HUSTACHE, 1921)
1 ex., Kanaishinbo, Hakuundai – Mt. Myoukenzan, 4–VIII–2009, KW; 1 ex., Mt.

- Dondenyama, 5–VIII–2009, HK.
23. *Sinauleutes bigibbosus* (HUSTACHE, 1916)
1 ex., Mt. Kinpokusan, 4–VIII–2009, HK; 1 ex., Kanaishinbo, Hakuundai–Mt. Myoukenzan, 4–VIII–2009, KW; 4 exs., Matone, 10–IX–2010, HK (on *Hydrangea serrata*).
 24. *Donus punctatus* (FABRICIUS, 1775)
1 ex., Hamaumetsu, 5–VIII–2009, HK.
 25. *Lixus maculatus* ROELOFS, 1873
2 exs., Mt. Dondenyama, 5–VIII–2009, HK.
 26. *Carcilia tenuistriata* HELLER, 1941
2 exs., Mt. Dondenyama, 5–VIII–2009, HS.
 27. *Pimelocerus insularis* (KÔNO, 1928)
1 ex., Mt. Dondenyama, 5–VIII–2009, HK.
 28. *Trachodes sasajii* MORIMOTO et MIYAKAWA, 1995
1 ex., Mt. Kinpokusan, 4–VIII–2009; 2 exs., Mt. Dondenyama, 5–VIII–2009, all by HK.
 29. *Cryptorhynchus lapathi* (LINNAEUS, 1758)
1 ex., Hakuundai, 10–IX–2010, KT.

References

- ASANO, M., S. INOKUCHI & H. KOJIMA, 2010. Records of some marine beetles new to the fauna of Sado Island, Central Japan. *Elytra, Tokyo*, **38**: 71–72.
- KOJIMA, H., & K. MORIMOTO, 1996. The tribe Ochyromerini (Coleoptera, Curculionidae) of Japan II. Genus *Ochyromera* PASCOE. *Jpn. J. Ent.*, **64**: 570–586.
- MORIMOTO, K., 1979. Curculionid-beetles of Niigata Prefecture, Japan. *Niigata-ken-no-Konchû, Kurokawa* (Collection of papers for celebrating the publication of Number 50 of the Transactions of Essa Entomological Society), 25–47. (In Japanese.)
- 1987. The family Curculionidae of Japan VI. Tribe Mechistocerini Part 1 (Insecta, Coleoptera). *J. Fac. Agric., Kyushu Univ., Fukuoka*, **31**: 321–343.
- , H. KOJIMA & S. MIYAKAWA, 2006. Curculionoidea: General introduction and Curculionidae: Entiminae (Part 1). Phyllobiini, Polydrusini and Cyphicerini (Coleoptera). *The Insects of Japan*, **3**. iv + 406 pp. Touka Shobô, Fukuoka. (In English and Japanese.)
- O'BRIEN, C. W., I. S. ASKEVOLD & K. MORIMOTO, 1994. Systematics and evolution of weevils of the genus *Bagous* GERMER (Coleoptera: Curculionidae) II. Taxonomic treatment of the species of Japan. *Esakia, Fukuoka*, (34): 1–73.
- SAWADA, Y., 1993. A systematic study of the family Rhynchitidae of Japan (Coleoptera, Curculionoidea). *Humans and Nature, Sanda*, (2): 1–93.
- SENOH, T., 1979. The fauna of the anthribid weevils from Niigata Prefecture. *Niigata-ken-no-Konchû, Kurokawa* (Collection of papers for celebrating the publication of Number 50 of the Transactions of Essa Entomological Society), 77–87. (In Japanese.)
- 1984. A checklist of the anthribid weevils from Sadogashima and Awashima Islands. *Trans. Essa ent. Soc., Kurokawa*, (58): 41–42. (In Japanese.)